

**Maryland Energy**

ADMINISTRATION

*Powering Maryland's Future*

# *Taking Control Of Our Energy Future*

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Maryland Energy Administration

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***[www. energy.maryland.gov](http://www.energy.maryland.gov)***

# Maryland's Energy Goals

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- *Affordable*
- *Reliable*
- *Clean Energy*



# Electricity – Simply Too Expensive

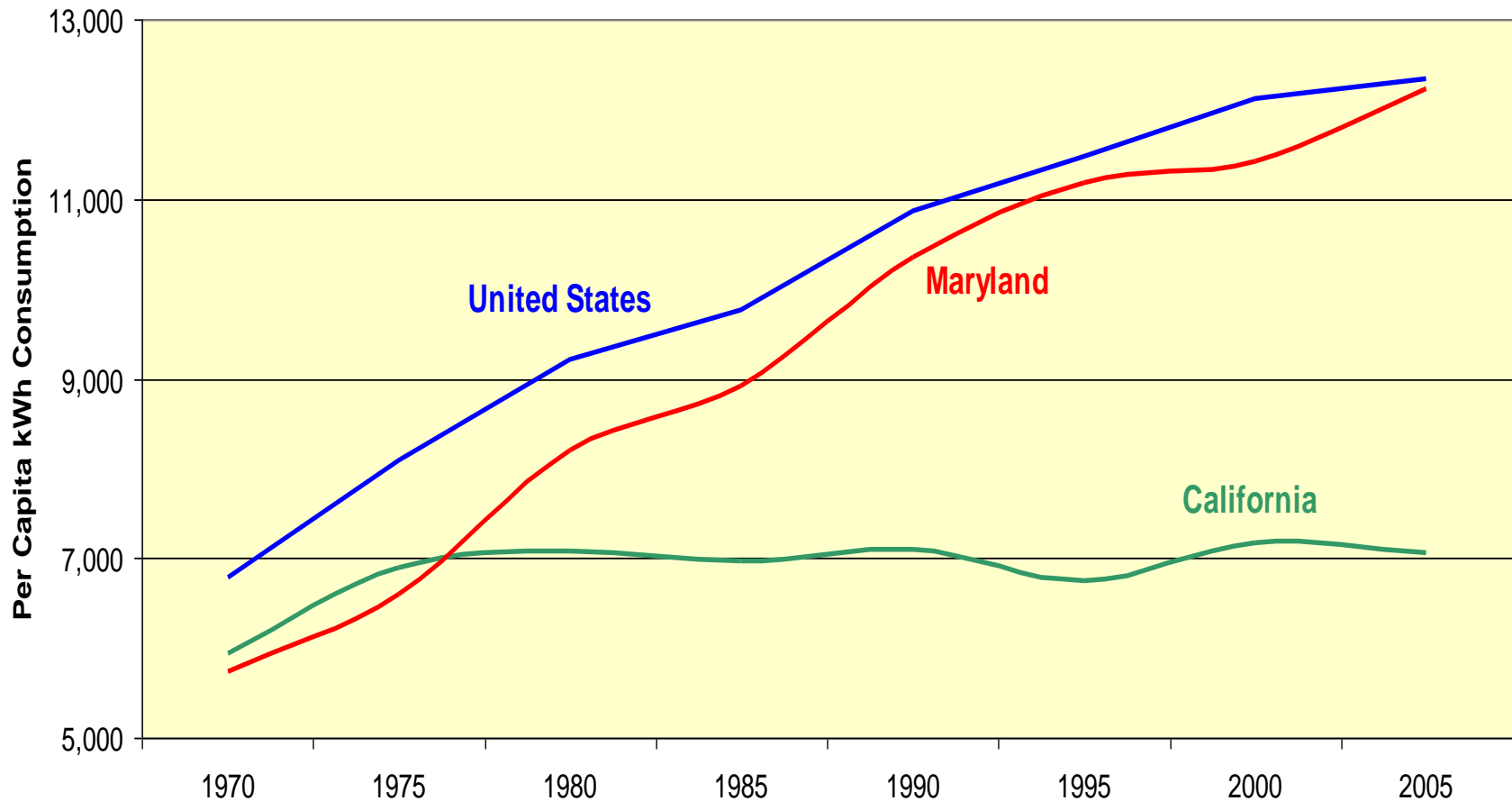
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## Residential Electricity Prices – Cents per kilowatt-hour

State	Mar '07	Mar '08
Delaware	12.22	12.68
New Jersey	12.78	14.19
<b>Maryland</b>	<b>9.41</b>	<b>12.76</b>
Pennsylvania	10.25	10.78
D.C.	9.51	11.04
<b>Nat'l Average</b>	<b>10.04</b>	<b>10.31</b>
<b>So. Atl. Region</b>	<b>9.35</b>	<b>9.85</b>
Virginia	8.12	8.38
West Virginia	6.19	6.62

*Source: U.S. Energy Information Agency, 2008*

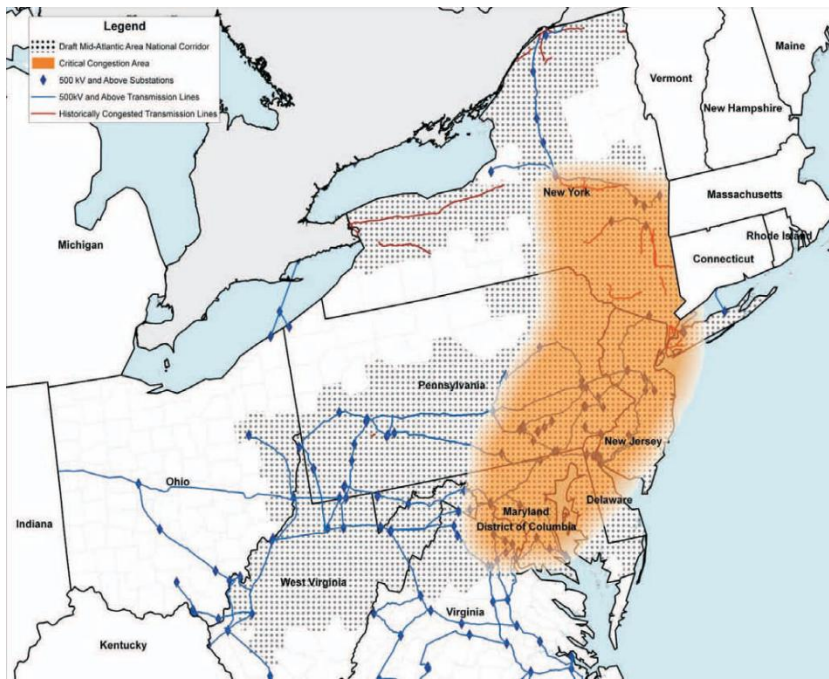
# Electricity Demand: Continues to Soar



Source: EIA and US Census

# Maryland Faces Blackouts

## *As Early as 2011*



# Climate and Environmental Challenges

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- **Climate:**

- Maryland is vulnerable, 3<sup>rd</sup> most exposed to sea level rise (behind FL and LA)

- **Environmental:**

- Most of Maryland's population lives in areas that fail to meet EPA's health based air quality standards.





# Regional Greenhouse Gas Initiative

- **Nation's first greenhouse gas cap-and trade system.**
  - Sets “cap” on carbon emissions from electric power plants
  - Allows “trading” to encourage most cost effective reductions
- **Collaboration of 10 northeast and mid-Atlantic states**
- **Created by 2006 Healthy Air Act**
- **First quarterly auction scheduled for Sept 26, 2008**
- **Litigation possible**



# Maryland Strategic Energy Investment Fund

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- **Energy Fund will allow Maryland to invest in:**
  - Residential energy efficiency programs
  - Targeted programs for low-income residents with no cost for participation
  - Renewable Energy
  - Climate change programs
- **Would NOT rely on general funds or ratepayer surcharge**
  - financed through upcoming sale of carbon allowances under RGGI
- **Energy efficiency plus rate relief will save Marylanders an average of \$8.74 a month**



# RGGI Energy Investment Fund

46%

- Energy Efficiency, Conservation & Demand Response Programs

23%

- Residential Rate Relief

17%

- Low Income Energy Assistance

10.5%

- Clean Energy & Climate Change Programs, Outreach & Education

3.5%

- Administration of Fund



# ***EmPOWER* Maryland**

## **Energy Efficiency Act**

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- Bold but achievable goal:
  - Reduce state-wide per capita electricity consumption and peak demand **15% by 2015**.
- When implemented, EmPOWER Maryland will
  - Keep the lights on, while avoiding the need to build at least 3 large fossil fuel power plants;
  - Save households roughly \$16/month or \$190/year by reducing electricity consumption
  - Add 8,000 new “green collar” jobs to the Maryland economy by 2015 (*ACEEE '08*)

# Taking Control of our Energy Future

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- Our energy issues have been ignored for too long, our bills are too high and we are extremely vulnerable to climate change.
- The Strategic Energy Investment Fund and EmPOWER Maryland will allow Marylanders to:
  - Take control of our energy future
  - Lower monthly bills
  - Renew our commitment to the environment



For more information, please contact:

## **Maryland Energy Administration**

**410-260-7655 or 800-72-ENERGY**

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